

Ordering information

AG	L	4	P	GR	DS	2	28	UNV	PG	
Family	Type	Luminaire Length	Mounting	Housing Finish	Wiring	Lamp Qty in a cross section	Lamp	Voltage	Ballast	Options
AG: Agili-T	L: Direct-Indirect Slim Body with Single Optic & Louvers	4: 4' 8: 8'	P: Pendant (Compatible with Wall & Furniture Mounting Systems)	GR: Titanium WH: White	DS: Double-circuit DN: Double-circuit Network-Ready DI: Single-feed Double-circuit Network DG: Group-feed Double-circuit Network	2	28: 28W T5 54: 54W T5HO	120: 120V 277: 277V 347: 347V UNV: Universal Voltage 120/277V	DW: iGEN DALI Addressable T5/T5HO with Network-2 MultiSense Integral Motion Sensor (120 or 277V only) DA: iGEN DALI Addressable T5/T5HO (UNV only) PG: Electronic Program Start T5/T5HO	

Note : Luminaire comes without end-caps

Features

- Direct-Indirect 88.8% efficient (59% up, 41% down) using T5 lamp technology (2xT28T5).
- Ultra-Light construction (4' luminaire less than 12 lb / 5.5 kg) favors mobility, adds installation and remodeling convenience.
- Wide indirect distribution for uniform ceiling luminance.
- Trouble-free luminaire-to-luminaire connectability and luminaire-to-end-cap installation.
- Special die-cast aluminum joining mechanism (patent 6,769,784) providing continuous trouble-free, simultaneous mechanical and electrical connections (plus network connections on Agili-T Network version), as well as no-hassle end-cap installation.
- Built-in network connectors and wiring (Agili-T Network).

Construction

- One-piece aluminum extrusion
- Highly resistant composite plastic end-cap
- Optic made of highly reflective matte aluminum
- Unique contoured louver design with integral light stop

Electrical

- AGL with PG ballast code comes with one 2-lamp ballast per 4' of luminaire.
- Standard product offering (DS and DN version, 120V and 277V only) includes continuous 2-circuit wiring, one circuit for the upper compartment (if applicable) and one circuit for the lower compartment (if applicable). Single and double compartment luminaires can be mixed.
- Integrated quick connectors for power and network cable (Agili-T Network only) and auto plug-in connections between luminaires.
- 18-gauge wire, maximum 10A per circuit.

Mounting

- Suspension points on module: every 4' (4' luminaire) or every 8' (8' luminaire).
- Fast installation using mounting clip for Standard T-bar and Slim T-bar or for Slot T-bar (see next page).

Finish

- Seamless color and texture finish between luminaire and end-caps.
- Available with textured (white or titanium) high resistant powder-based coating.

Options and accessories

- Emergency circuiting

Labels



Fixture lengths & mounting locations



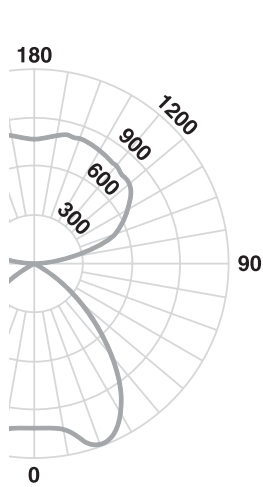
Pendants measure exactly 48" or 96" (plus end-caps) to facilitate installation.

- ** If electrical junction box is needed to connect emergency wiring, order AGEb, AGEs or AGEo.
- *** 18-gauge wire. Maximum of 10A per breaker. 2 circuits using 2 breakers with common neutral.
- ▼ For maximum flexibility, DS & DN wiring options include continuous 2-circuit wiring: one circuit for upper compartment, one circuit for lower compartment (single and double compartment luminaires can be mixed).
- End-cap Row Joiners:
L: Order 1 Power Feed Suspension Kit and 1 Suspension Kit per luminaire + 1,
T: Order 2 Power Feed Suspension Kit and 1 Suspension Kit per luminaire + 1,
X: Order 2 Power Feed Suspension Kit and 1 Suspension Kit per luminaire + 2
- † Listed as a standard electrical box for through-branch wiring.
- †† Consult your Lightolier representative for other adapter shapes.

Job Information	Type:
Job Name:	
Cat. No.:	
Lamp(s):	
Notes:	

Performance

CANDLEPOWER CURVE



REPORT NO: LSC8477
CAT. NO: AGL4PGRDS228UNVPG
2 x 28W T5 at 2610 lumens. Efficiency: 88.8%
Indirect Maximum candela: 738 cd
Indirect Peak at: 162.5°. Candela at Nadir: 916 cd

CANDLEPOWER

ZONE DEG	0	22.5	45	67.5	90
0	916	916	916	916	916
5	908	903	914	919	913
15	849	864	910	987	1018
25	758	789	946	1026	1046
35	618	715	840	837	830
45	457	582	577	518	496
55	218	327	272	202	161
65	10	16	34	28	2
75	2	0	0	2	1
85	0	0	0	0	0
90	0	0	1	10	9
95	17	74	87	82	83
105	104	225	313	363	383
115	220	328	466	515	542
125	334	433	550	644	651
135	442	520	604	672	692
145	540	598	567	701	716
155	615	648	695	726	731
165	666	678	715	723	736
175	688	690	692	708	700
180	692	692	692	692	692

COEFFICIENTS OF UTILIZATION

ZONAL CAVITY METHOD • EFFECTIVE FLOOR CAVITY REFLECTANCE = .20

ROOM CAVITY RATIO	80				70				50			
	Wall reflectance				Wall reflectance				Wall reflectance			
	70	50	30	70	70	50	30	10	50	30	10	
0	.93	.93	.93	.93	.85	.85	.85	.85	.70	.70	.70	
1	.86	.83	.80	.77	.79	.76	.74	.71	.63	.61	.60	
2	.80	.74	.69	.65	.73	.68	.64	.61	.57	.54	.52	
3	.74	.66	.61	.56	.67	.61	.56	.52	.51	.48	.45	
4	.68	.59	.53	.49	.62	.55	.50	.45	.46	.42	.39	
5	.63	.53	.47	.42	.57	.49	.44	.39	.42	.38	.34	
6	.58	.48	.41	.37	.53	.44	.39	.35	.38	.34	.30	
7	.53	.43	.37	.32	.49	.40	.34	.30	.34	.30	.27	
8	.49	.39	.33	.28	.45	.36	.30	.26	.31	.26	.23	
9	.45	.35	.29	.25	.42	.33	.27	.23	.28	.24	.20	
10	.42	.32	.26	.22	.39	.30	.24	.20	.25	.21	.18	

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES
LUMINAIRE INPUT WATTS = 65.4

DISTRIBUTION

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	770	14.76	16.63
0-40	1253	24.02	27.06
0-60	1884	36.10	40.68
0-90	1917	36.74	41.39
40-90	663	12.72	14.33
60-90	32	.63	.71
90-180	2715	52.02	58.61
0-180	4633	88.76	100.00

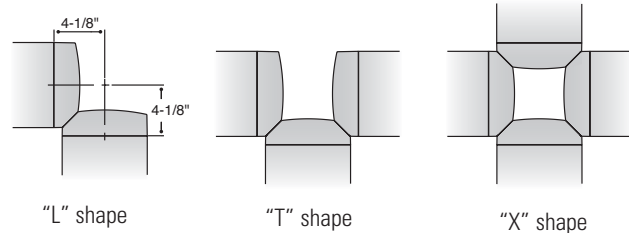
Agili-T Accessories

Suspension Kit (Patent # 6,634,772)

AG	AC	24	X	G
Family	Type	Suspension Length	End-cap Color	Canopy Color
AG: Agili-T	AC: Aircraft cable, canopy, joiner mechanism	24: Adjustable 6-24" 36: Adjustable 6-36"	X: N/A	G: Titanium W: White

End-cap Row Joiners (Patent # 6,568,830)

AG	CG	L	DS
Family	Type	Shape	Wiring†
AG: Agili-T	CG: Titanium CW: White	L: 90° "L" shape, 2 rows T: "T" shape, 3 rows X: "X" shape, 4 rows	DS: Double-circuit DN: Double-circuit Network



Ordering instructions

- Choose Agili-T luminaire.
- Choose Power Feed Suspension Kit. One Kit per individual luminaire or one per row at row extremity (18-gauge wire feed, maximum of 10A per circuit).
- Choose Suspension Kit. One per luminaire.
- Choose Mounting Elements. One per Suspension Kit.
- Choose Mounting Elements With Junction Box. One per Power Feed Suspension Kit, as needed.

Power Feed Suspension Kit* (Patent # 6,634,772)

AG	EC	24	G	G	UNV	DS
Family	Type	Suspension Length	End-cap Color	Canopy Color	Voltage	Wiring†
AG: Agili-T	EC: End-caps (2), aircraft cable, canopy, joiner mechanism	24: Adjustable 6-24" 36: Adjustable 6-36"	G: Titanium W: White	G: Titanium W: White	347: 347V Cable UNV: 120/277V	DS: Double-circuit DN: Double-circuit Network-Ready

Mounting Elements (T-bar Clip Patent # 6,637,710)

AGTB	One-piece T-bar wraparound clip for standard T or narrow T
AGSB	One-piece T-bar wraparound clip for slot T (consult your Lightolier representative for availability)
AGOG	Off-grid holding bar
AGEB†	One-piece T-bar wraparound clip for standard T or narrow T with integrated easy-access Lightolier electrical box
AGES†	One-piece T-bar wraparound clip for slot T with integrated easy-access Lightolier electrical box (consult your Lightolier representative for availability)
AGEO†	Off-grid holding bar with integrated easy-access Lightolier electrical box

Job Information

Type: